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APRIL 16, 1890.

Issued Every Week.

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# Farmer

AND

## NEW FARM.

OUR 27TH YEAR.

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BALTIMORE, MD.



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A score of preparations called "sarsaparilla," without receiving any benefit; but do not be discouraged. Had you taken Ayer's Sarsaparilla in the first place, you would have been cured and saved time and money. It is not yet too late. Ayer's Sarsaparilla does not exhilarate for a while, and then leave the patient more prostrated than before; it produces a radical change in the system, such as no other preparation, claiming to be a blood medicine, can effect. Original—best—cheapest. Try Ayer's Sarsaparilla.

"During the past twenty-five years I have, at various times, used Ayer's Sarsaparilla for purifying the blood, and I am fully convinced that it is the most thorough and reliable blood-purifier ever offered to the public."—Nicholas S. M. McNiel, 240 Franklin Square, Philadelphia, Pa.

"I am glad to add my testimony to the value of Ayer's Sarsaparilla. I have, for four years past, been very much afflicted with salt-rheum on my leg, which was raw from the knee to the ankle, attended with a stinging, burning pain sometimes almost beyond endurance. The best physicians, and several preparations of sarsaparilla, failed to give relief. Last spring I was advised to try Ayer's Sarsaparilla, and I am happy to say that it has effected a thorough and permanent cure. From the first my health began to improve, and now I consider myself a well man."—Calvin Gardner, Overseer, Boott Corporation, Lowell, Mass.

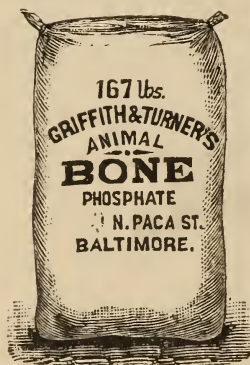
"Several years ago I was prostrated with a severe attack of erysipelas, which left me in a very feeble condition. I tried various remedies without avail, and finally was induced to take Ayer's Sarsaparilla, a few bottles of which made me feel like a new person, every trace of my old complaint being removed. I can recommend this medicine to any one needing a thoroughly reliable blood-purifier."—Mrs. Almira Squires, South Albany, Vt.

"For years I suffered from scrofula and blood diseases. The doctors' prescriptions and several so-called blood-purifiers being of no avail, I was at last advised by a friend to try Ayer's Sarsaparilla. I did so, and now feel like a new man, being fully restored to health. I believe that I owe my life to Ayer's Sarsaparilla, and would recommend it to all afflicted with scrofula or any other disease of the blood."—C. N. Frink, Decorah, Iowa.

## Ayer's Sarsaparilla,

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## AND NEW FARM.

Vol. XXVII. BALTIMORE, April 16, 1890. No. 16.

POULTRY  
and  
POULTRY KEEPING,  
by

H. R. WALWORTH,  
Editor of The Maryland Farmer.

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### CHAPTER VII.

#### THE YARD.

The size of the House and Shed are 10x12 and the yard is twelve feet wide. Not taking into the account the space occupied by the house and shed, the yard will be 12 x 20. It would be better to have it larger; but this will do very well.

If the poultry could have an extensive run occasionally on the adjoining fields it

would of course be a large help; but with proper care they will thrive even upon this space.

At certain seasons of the year they must be kept up and not allowed in the gardens where the seed are sown or the vegetables and fruits are maturing. They must not annoy the neighbors during this period. They must be "kept up."

This involves the necessity of fences and leads us to ask for the most economical of fences—durability also considered. On this account we have mentioned yards and the best number for each yard.

The yards will probably be side by side and in this way the inner yards are partly built by making one fence answer for two yards.

The bottom of the fence should be of boards and about 2 ft. high solid. Above that the material may be pickets, or wire, or laths—this being the cheapest. There



are 52 running feet of fence and the height of the fence depends upon the kind of poultry kept in the yard.

The boards should be continuous and the gateway to the yard should be above this board foundation.

For the large breeds of poultry, the Brahmas, Cochins, and their kindred, a fence four feet high is sufficient. Two feet above the solid board foundation.

For other breeds, the Plymouth Rocks, Wyandottes and poultry of that general character and weight six feet high will do—four feet above the boards.

For the light poultry of the Leghorn variety and some of the ordinary mongrel class, no fence will be high enough, and a covered yard must be provided if it is necessary to keep them out of mischief.

The cost of a fence depends of course upon the material of which it is made; but we can arrive at it pretty nearly as follows:

|                         |         |
|-------------------------|---------|
| 7 Posts @12c.           | \$ .84  |
| 104 ft. Boards @1½      | 1.30    |
| 2 Bundles of Laths      | .60     |
| 2x3 Stringers 52 ft. 1½ | .65     |
| Nails                   | .20     |
|                         | —\$3.59 |

The work you must do yourself, and it is very easily done even by one not very skillful with tools.

A two inch mesh galvanized iron wire netting would be a very good fence as it can be had of all widths. For the four foot fence it would be only two feet wide and would cost about 2cts. the running foot. It would require no stringers and far less labor than the lath fence. The cost would be a trifle less, viz \$3.38.

When we consider the lasting qualities, the wire fence is to be commended in all respects.

The lath fence lasts about two years, after which time it cannot be depended upon, as the lath will be continually dis-

placed allowing the poultry to escape. At least this is our experience.

The wire fence will last many years and with an occasional staple will be poultry proof. This is a great consideration where your garden is exposed and your choice tomatoes depend upon the integrity of your fencing.

One side of the adjoining yard is built and the cost for the second yard would therefore be nearly as follows:

|                            |         |
|----------------------------|---------|
| 64 ft. of boards 1½        | \$ .80  |
| 4 posts @12c               | .48     |
| 64 Running ft. of wire net | 1.28    |
| Staples                    | .10     |
|                            | —\$2.66 |

Now, having built the fences, what further work remains to be done in the yards? We will consider.

The shed will provide shelter and shade; but the poultry do not like that shade as well as some clump of bushes, and therefore it is well to have such; or some trees with low branches and slender limbs.

Our best and most productive yard has been one, all along the side of which were straggling blackberry bushes. In the heat of summer we placed nests there and they were always better supplied than those in other yards not so furnished. But other bushes not so filled with thorns would answer about as well.

Some fruit trees are supposed to flourish to great advantage in poultry yards, and particularly plum trees have been recommended, as the poultry are a protection against the curculio. We have no experience, however, in respect to this.

The yard should be kept clean and sweet. Nothing should prevent this. Lime is a temporary sweetener, but is not a permanent remedy. The use of lime will be considered hereafter.

Spading is one of the best, if not the very best method of sweetening. A por-



tion of the yard should be spaded every week. It is a source of health to the poultry and a constant source of enjoyment to them. The chemical powers of fresh earth are not half appreciated by us.

This spaded portion will also serve another useful purpose. Each day rake into it such grain as you may feed, and let the poultry exercise themselves in scratching it out. It keeps them from idleness.

In the summer it is a constant benediction for the poultry. It not only serves the first purpose of keeping the yard clean; but it supplies the very best dust baths to keep the birds clean. They will wash in it continually.

In the winter the shed should be used in the same manner. Whenever the food cannot be placed in the yard to advantage, rake it into the floor of the shed; or into the foot deep of leaves or litter which may cover the floor of the shed.

The yard is the play house, the work shop, the mimic world of the Poultry. Make it as pleasant for them as it is possible for you to make it.

All this is written with the idea that one yard is all that can be afforded of space for each flock. If there could be another yard of equal dimensions on the other side of the house it would be of great advantage.

In this second yard could be grown much that would gratify the flock and add to their comfort and profit. The alternate use would also be a great promotion of health and prosperity to the flock.

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For the Maryland Farmer.

#### SMALL FRUITS.

Spring, Summer, Autumn and Winter are the times for setting out small fruits. It is a folly to suppose you can't do it except early in the spring or in the fall.

Perhaps you are more sure of a good stand under all circumstances during these seasons; but if you use common sense and take advantage of the work you can do it at anytime.

During the past winter along in January, the frost was out of the ground and I had a quantity of two year old Fay currants on hand. I spaded them up and transplanted them in rows and the man who did it, did not take much pains with the work, for he did not realize the market value of the plants. Yet I did not lose one of them. They are all at this writing covered with leaves and promise a vigorous growth.

Early in Spring everyone knows all plants may be transplanted with safety. Later, it is important that considerable care shall be bestowed upon the work. If the plants can be handled without freeing the large body of roots from the soil the removal is safe.

To do this wet the soil thoroughly, thrust the spade down on four sides of the plant before it is moved at all, then carefully pack the dirt solidly, and turn the spade beneath the plant and lift it out; carry to the place prepared for it and set it into the ground, bringing the soil firmly up to it and again wetting it thoroughly; then cover all with half an inch or more of dry soil and the work is done.

In summer strawberries may be set out as fast as the rumors are large enough to transplant, and we all know that August set plants with plenty of dirt around the roots often pay for themselves the next spring with delicious fruit.

Blackberries, Asparagus and all plants which sprout very early in the spring are best set out in the Fall, for then the danger of destroying the root buds is not so great. Fall planting is my favorite time.

But you see small fruits may be handled at all times and I would counsel my brother farmers not to neglect them.

The crops of wheat and corn can no longer be depended upon for profit. But will hardly bring a song to the farmer and pork will not pay 25 cents a bushel for corn. Among the crops which do pay liberally small fruits rank high when conducted with thoughtful care.

CHAPMAN.

### INTERESTING ITEMS.

President Woodruff of the Mormon Church has announced that the day of revelations from God has ended.

The Democrats are unusually successful in elections throughout the Western States.

The U. S. Ex. Co. lost \$10,000 between their Chicago Office and one of the city banks.

30 questions must be answered to the census takers whether you wish it or not.

The homestead of Horace Greeley, at Chappaqua, N. Y., built 40 years ago, was destroyed by fire.

Colorado has already been visited by a prairie fire which has swept over 1,000,000 acres.

Lincolnshire, England, is suffering from a rat-plague. One farmer killed 1300 in one night.

A new creamery is to be erected in Easton. Col. Roberts, Contractor.

Sunday April 6, J. Harry Hubbard, dropped from his chair in the Sunday School, Easton, where he was librarian, and soon after died.

Many papers throughout the State seem to think the cigarette law defective; but

the penalty is provided in the general act to which this is only an addition. Better not try to evade the license.

Judge John Dodd gave a stirring address before the Farmers' Association of Queen Anne's County.

According to the Farmers' Alliance of Kansas, one law firm has 1800 mortgages on farms to foreclose in that State!

We cannot comprehend these figures: but the farms of the Western States are mortgaged to this amount—\$3,422,000,000.

### BURLINGTON ROUTE.

#### HOME SEEKERS' EXCURSIONS.

The Burlington Route, C., B. & Q. R.R., will sell on Tuesdays, April 22d and May 20th, Home Seekers' Excursion Tickets at *Half Rates* to points in the Farming Regions of the West, Northwest and Southwest. Limit thirty days. For folder giving details concerning tickets, rates and time of trains, and for descriptive land folder, call on your ticket agent, or address P. S. EUSTIS, Gen'l Pass. and Ticket Agent, Chicago, Ill.

Daisy Garden Plow }  
Daisy Cultivator } are now at our office.  
Daisy Seed Sower }

### Farms For Sale.

**97 Acres.** 1½ miles from Pocomoke City. Good dwelling, 6 acres Apples. Grass land. Loamy soil. \$2,000. Easy terms.

**300 Acres.** near Cobb's Creek, Va., a beautiful home farm—much fruit and all the advantages of bordering on deep water—steamer from Baltimore, \$8,500

**3 Acres.** 1 mile from Fork P. O., Baltimore Co.—deep black soil—the whole as a garden—stone dwelling and all necessary out-buildings, all in good condition. Good water, 15 miles from city. \$800.

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AND  
NEW FARM.

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for ten years the only one

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**THE WORK BEFORE US.**

It is a sure fact that something must be done by the farmers of our country to cut down the extravagant expenditure of money by our government.

To say that we can expend money without ourselves supplying it is the height of insanity. Not a cent is used by the government that does not come out of the pockets of the people.

Arguments may be plausible, but they amount to nothing against the evident fact, that the government has the money and the people of the United States have supplied it.

They have supplied \$400,000,000 to the government annually for their extravagant

expenditure and nearly \$100,000,000 dollars more in "surplus."

The manufacturers are flourishing in the midst of this expenditure. This is an exemplified fact; for they are all climbing in wealth to the hundreds of thousands. They have no cause to complain.

The merchants and dealers have their trade and profits, the mechanics are employed at regular wages, and all classes except the farmer are comparatively unaffected by the extravagance.

Out of the producers—from the very substance of the farms—the great amount comes, which is so extravagantly appropriated, or given away by the government. The farmers must stop all this.

The leeches cry every day for more and no end is seen to their demands. Stop now. We must place men in charge who will reform all this; who will ruthlessly cut down and obliterate the extravagance which is ruining the farmers of our country.

**THE OUTSIDE MARKET.**

Farmers have been cut off from the outside world as a market by high tariffs which prevent a reasonable exchange of their products for goods imported.

They do not have a market in this country for their produce, never have had, and it is not probable they will have for long years to come.

Here in a nut shell, is the great cause of the general depression in prices of farm products.

The former have built up the enormous capitalists, monopolies and trusts; the latter has spread all over our land mortgages which are threatening the ruin of thousands of once happy and prosperous homes.

## TARIFF ON EGGS.

We do not like anything which has the appearance of an additional tax—taxes are now so unutterably oppressive. But if it can be taken off from about ten times the amount of manufacturers' profits, we should be pleased to see farmers encouraged even in such a matter as egg production. If, however, enough were grown in this country to keep the supply reasonably good, foreign eggs would not attempt to compete with us.

The only Chinese wall we advocate is making our own products so good, that others will have no chance of a market here—or making the supply so perfect that no foreign goods will be desired.

## BOOKS OF PETER HENDERSON.

Perhaps no books ever written were more practical than those of the late Peter Henderson. We can supply them to our subscribers post paid as follows:

|   | Cash.  | Premiums for<br>subscriber's |
|---|--------|------------------------------|
| Gardening for Profit  | \$2.00 | 4                            |
| Gardening for Pleasure  | 2.00   | 4                            |
| Practical Floriculture  | 1.50   | 3                            |
| How the Farm Pays   | 2.50   | 5                            |
| Garden and Farm Topics  | 1.00   | 2                            |
| New Hand Book of Plants<br>and General Horticulture<br>issued Feb. 1, 1890. | 4.00   | 8                            |

## Consumption Surely Cured.

To the Editor:—Please inform your readers that I have a positive remedy for consumption. By its timely use thousands of hopeless cases have been permanently cured. I shall be glad to send two bottles of my remedy FREE to any of your readers who have consumption if they will send me their Express and P. O. Address. Respectfully, T. A. STOCUM, M. C., 181 Pearl St., N. Y.

## Ribgrass and Clover.

Professor W. J. Beal sends a warning to farmers, in form of a bulletin from the Michigan State College station, about ribgrass or narrow leaved plaitain, which is becoming common in clover seed. While it is not the worst of weeds, the seeds are difficult to separate from those of the clover, and when present injure the sale of the clover seed. He says: *Plantago lanceolata* L., ribgrass, ribwort, English plaitain, narrow leaved plaitain, buckthorn plaitain has a perennial root, a rosette of narrow leaves six to ten inches long, acute at each end, an angled flower stalk one to two feet high, bearing a cylindrical spike of flowers. The shining seeds are brown, oblong, convex on one side, concave on the other. The leaves usually spread close to the ground like those of the dandelion and thus exclude other plants. The stalks are slender, without leaves, and afford little fodder. Careful farmers who read this notice will do well by calling the attention of their neighbors to the subject and help keep ribgrass out of their fields.

## Ornamental Crab Apple Trees.

P. B. Mead makes a plea in Orchard and Garden for the crab apples, which are both useful and ornamental. He considers them entitled to a place in ornamental gardening, and says: The single and the double flowering varieties from China and Japan are splendid objects when in flower, and unsurpassed for beauty and profusion of bloom. They are small or medium sized trees, and do not take up much room; but they should not be crowded in among other plants. Let each one have a place of its own, to develop its individuality and beauty. A new Japan variety, just introduced (*P. Parkmanii*) would seem to be worthy of general cultivation.

## Reduced Charges on Nursery Stock.

The American Association of Nurserymen have at length secured a reduction of express charges of 20 to 25 per cent. This rate is for trees, plants and vines whether hardwooded or soft, provided they are boxed or baled. This is good news to fruit growers, nurserymen and many others. We now have reduced freight, reduced postage and reduced express charges on nursery stock.

We mail Fanny Field's Poultry Book for 25 cents. Send for it. Address, Maryland Farmer.



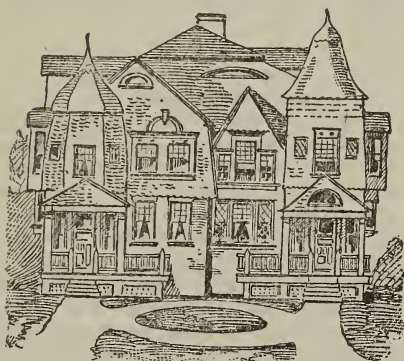
## A DOUBLE HOUSE.

One That Is Not Commonplace and Is Cheap and Convenient.

"My husband says that he doesn't like a double house."

"No, I don't," said he.

The young man had inherited some \$8,000, and was disposed to build a nice house. His wife was a provident little body, who wished to invest a part of this sum so it would bring in an income. He was too hopeful to have much of this feeling during this early period of their lives.



ELEVATION.

"The double house idea is a good one," said their architect. "You can build a house which will rent for \$40 or \$50 a month for one side and have the other side in which to live. And to one who does not have an abundant income and large substantial resources to back it the double house idea is a very bright one. We'll make a double house that is uncommon. We'll make one that is entirely different from any double house you ever saw."

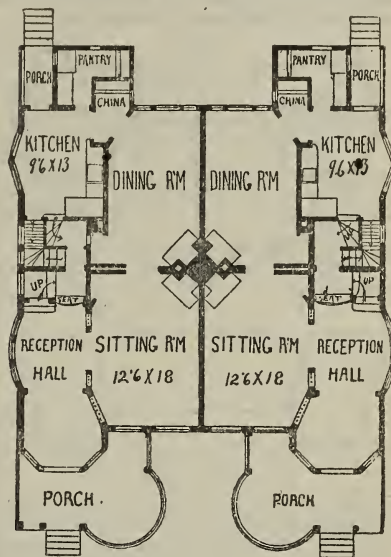
This was further talked about, and it was decided that they would consider a double house plan to be prepared to go on a fifty foot lot which they had purchased. In the course of time they went into the office to look at the sketch.

The architect wanted to build this double house. He knew it would make a good house—one that would be comfortable and attractive and would prove a good investment. When his clients came into the office he was just a little anxious.

The illustrations in this column are reproductions of his sketches. He showed them the floor plans first.

Said he: The house is 44 feet wide on the first floor. This gives a 3 foot passageway on each side. Now we will look at the rooms on the right. We have the entrance at the front of the semi-octagonal shaped room. It extends around and takes in a section of what would otherwise be a part of the front sitting

room, and thus gives added width to this portion of the hall or vestibule. Back of this is the reception hall, with a window at the right side which projects over the sidewalk



FIRST FLOOR.

below, but at a height sufficient to miss the heads of those who pass under it. The wall space in front separating the sitting room and the reception room is filled with turned spindle work in oak. The stairway is a combination affair. We go up from the front hall to a landing, pass through some portieres to another landing, which is connected by a stairway and two doors with the kitchen. These two doors prevent the noise and odors of the kitchen from reaching the front part of the house.

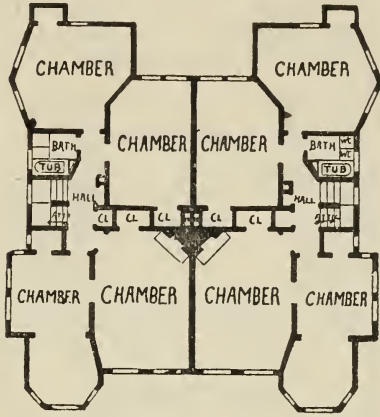
There is a seat on the front landing which projects into the hall. Under the part of the main stairway which goes to the second floor is provided the cellar stairway. The dining room, as will be seen, is back of sitting room. The kitchen connects with the dining room through the china pantry by means of two double swing doors—doors which swing both ways and stand closed when released. This china room is lighted by a small window and has a cupboard with glass doors above and paneled doors below. The kitchen is provided with sinks, tables and drain boards convenient to the china closet. In the pantry is a place for an ice chest with a drain to the outside. There is a door over the chest so that ice can be put in without passing through the kitchen. The cellar is under half the house, with furnace room projecting under the sitting room. In the cellar is a slop sink in which wash water may be poured, a city water connection and a laundry stove. The cellar floor is cemented.

In the kitchen is hot and cold water at the

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sink, and in the bathroom on the second floor is water closet, washstand and tub. There are two closets on the second floor in the hall—one for brooms, etc., and the other for bed linen and articles of this character.



SECOND FLOOR.

There are four bedrooms on this floor, each provided with closets. The bedroom over the hall and kitchen projects over the first story, so that more room is secured. There is a passageway to the attic, in which is provided an additional bedroom. This room has a square ceiling, 9 feet high, and has none of the disadvantages of a half story bedroom. Thus we have five bedrooms above and the four rooms below.

A part of the house on the outside is brick veneer. The other walls are covered with stained shingles. The cost for the completed property ready to move into is \$5,800.

LOUIS H. GIBSON.

#### The Water Cress.

The stems of the water cress, according to Vick's Magazine, are thick and bend downward, sending out tiny roots along their entire length. The leaves are pinnate, with ovate, sub-cordate leaflets, three to seven in number, the terminal one much the largest. The plant bears a corymb of white flowers with petals much longer than the calyx. It has a seed pod barely one inch in length. Many varieties belonging to this genus have yellow or greenish yellow flowers, among which are the wood cress, tansy leaved cress and marsh cress, the latter differing essentially from the true water cress.

It is said that *N. officinale* possesses qualities which fit it for both food and medicine. It contains a bitter extract.

phosphate and other salts, sulpho-nitrogenous essential oil, and so forth. When the plant is in flower the medical properties which it contains are more abundant, the essential oil being increased by the amount of sunshine the plant obtains, and the quantity of lime by the richness of the water in which it grows. As food it should be eaten in an uncooked state. As medicine it is said to be useful in indigestion, scurvy and scrofula.

Wholesale fruit dealers of Chicago are formulating a plan to make that city the distributing point for Florida fruits for the northwest and the states west of Ohio.

#### The Cattle Trade of 1889.

The year 1889 will long be remembered as the most disastrous to the cattle trade that has ever been witnessed. The greatest depression was in the best cattle. In 1888 the best cattle never went lower than \$5; in 1889 the best cattle often sold for less than \$4. And this in a year when there was a heavier export trade than in any former year. The number of range cattle received at Chicago was less than in 1888 by 39,300 head. Had not the receipt of Texans been increased the falling off would have been greater. Of what are classed as "westerns" there was a falling off of 109,000; the Texans increased 69,700. The outlook for this year is certainly brighter than it was a year ago, but growers must not expect a great advance in prices, says The Montana Stock Journal.

#### Blind Stagers.

This disease is caused by indigestion, which produces congestion of the brain with apparent loss of sight and of general nervous power, so that the pigs stagger about and run against obstacles which may be in their way, as if blind. Very soon they fall over and become convulsed. Overfeeding is the cause, and this fault is quite common, for, as pigs are greedy and are usually given all they will eat, they eat too much and suffer from indigestion, with the result above mentioned. Treatment is generally useless when the brain is affected. A probable remedy is to give an active purgative, as two ounces of linseed oil with one scruple of calomel, and abstain from feeding for two or three days; then give very little food until the animal is fully recovered.

**The Cream Gauge.**

The cream gauge can only show how much cream a given sample of milk will throw up under existing conditions. It is no test of the butter contents of the milk or of the richness of the cream in the butter. The most trustworthy way is to weigh each cow's milk, set it under the most favorable conditions practicable, weigh the cream that it throws up, and weigh the butter that the cream yields from the churn. The test repeated monthly throughout the year will give trustworthy data for judging as to the relative value of different cows. The man who tries this method faithfully for one year will meet with surprises and disappointments, and will know considerably more about cows at the close of the year. The practice once well begun is likely to be continued, because there is money in it.

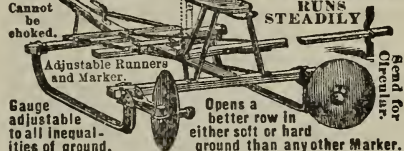
**A Few Good Plums.**

For excellent quality alone the Green Gage, like the Seckel among pears, stands at the head of the list, but the tree is a small grower and is not long lived. Nearly as good in quality and more than twice as large is the McLaughlin, which in appearance resembles the Green Gage under a magnifier. But it is not always a good bearer. The Lawrence, Jefferson and Coe's Golden Drop are also excellent in flavor. But for good growers and heavy bearers, such as would be more or less selected for market, Lombard, Imperial Gage, Prince's Yellow Gage, Smith's Orleans, Reine Claude de Bayay and some others would be chosen.

**A Select List of Fine Roses.**

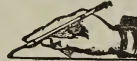
In a select list of the finest roses of recent years, William C. Barry names, besides others, the following, in the order given: Gloire de Margottin, dazzling, brilliant red, the brightest rose yet raised; Gloire de Bourg la Reine, scarlet red; Gloire Lyonnaise, tinted yellow, becoming white; Earl of Dufferin, the finest and most distinct dark colored rose, very rich, with delightful fragrance; Lady Helen Stewart, greatly resembling the last, flowering all through the season, especially fine late in the fall; Ulrich Brunner, beautiful cherry red, petals endure extreme changes of weather, foliage resists mildew.

We keep no stock; but the purchasing agency secures inside prices on everything you need—try us.

**DARNELL'S PATENT FURROWER AND MARKER**

Cannot be choked. Gauge adjustable to all inequalities of ground. Opens a better row in either soft or hard ground than any other Marker. Leaves the earth well pulverized at bottom of furrow. MARKS ANY WIDTH—from 2½ to 5 feet, and from a mere mark to 6 inches deep.

"Take pleasure in recommending it. It does the business; is well made and will last for years." J. S. Collins, Moorestown, N. J.  
"It far exceeds my expectations. If the real merits of this cheap implement were known to potato growers alone, the sales would be immense." E. L. Crox, Pres. Wash. Co. (N. Y.) Agr. Society  
H. W. DOUGHTEN, Burlington Co., N. J.

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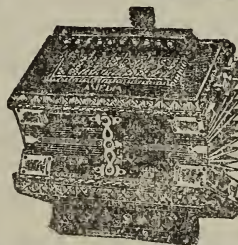
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Worked by 2 men, 5 acres.  
Price, \$35 to \$70.  
Circulars Free. Sent on Three Days Trial.  
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All kinds of STRINGS, etc., etc.



**Drink for Fattening Hogs.**

American Cultivator says: Corn is heating food. It is too concentrated for most kinds of stock, and even for hogs it often creates a feverish state of the system that requires a good deal of water to cool down. A hog that is kept feverish from overloaded stomach will not fatten. It should have beets or mangel wurzels, but if this is impossible mix water with the chaff taken off it with a little fine middlings. This will distend the stomach and prevent constipation. It will also furnish the albuminoid food necessary to make lean meat, in which corn is deficient. If fattening hogs are given drink warm, and thus mixed with wheat middlings, they will drink much more heartily than they will of cold water alone, and be less likely to get off their feed.

**Growing a Big Crop of Potatoes.**

"There is no great secret in growing big crops of potatoes," remarks a farmer of experience, "only that you must have rich soil to begin with. You must plow it not only once but twice, and harrow it as often as there is any need of harrowing it. Then plant your seed in drills three feet apart and open a furrow between the rows to run the irrigating water through. Sink that deep enough that the water will be lower than the plant, and do not let the water come in direct contact with the plant, but let it reach the fibres by seepage. Run no water on the ground after the potatoes have blossomed. Cultivate well and you have it."

**Chip Manure.**

Chip manure is not nearly so valuable as it appears to be—not so good as rotten leaves. It is a very good ingredient of a compost heap: but the more stable manure, cotton seed and acid there are in the heap, and the less chip manure, the better the result. The best use we ever found for chip manure is to bed on it for potatoes, either Irish or sweet, especially if ashes be scattered over it along the furrow.—Southern Cultivator.

Very little phosphates or other concentrated manures are used on our lands which are continually under tillage, says Peter Henderson; these are always more telling on land broken up from sod, where the fibrous roots of the sod stand in lieu of stable manure.

Send to Maryland Farmer. Bound in cloth \$1.00. Hand Book of Orange Culture.

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**WM. PARRY, Parry, N. J.**

Imported Cleveland Bay Stallion.

## POST CAPTAIN.

### PEDIGREE.

Sire, Sportsman 299; g. sire, Brilliant 42; g. sire, Yatton Lad 314; g. g. sire, Wonderful Lad 69; g. g. g. sire, Cleveland 60; g. g. g. sire, Champion 50; g. g. g. sire, Summercock 304; g. g. g. sire, Sky Rocket 280. Dam's sire, Barnaby 18; g. sire, King George 161; g. g. sire, Victory 157; g. g. sire, Volunteer 338; g. g. g. sire, Victory 438; g. g. g. sire, Barley Harvest 447. (The above pedigree is from the Cleveland Bay Stud Book of England.)

### DESCRIPTION.

Post Captain is a beautiful golden bay in color, 16½ hands high, weighs 1550 lbs and is just 5 years old. He is a high stepper, with beautiful action, and promises great speed shows already without training less than a 4 minute gait. The progress of this famous breed are all bays in color, well matched, and is the gentleman's carriage horse in England—No trouble to get matches which command high prices. He has only to be seen to be admired—His symmetry is magnificent, and is a sure foal getter. Terms \$25.00 the season, with the privilege to return mares during fall season should they not prove in foal. Mares from a distance to be paid for when taken away—will care for mares at a cost of \$2.00 a week, shipment of course at expense of owners of mares, write to

**E. C. LECC & BRO.,**  
Kent Island, Md.



## Sugar Beet Culture.

California papers are prophesying that the raising of beets for sugar will in a short time become one of the important industries in that state. During the last few years farmers have been planting beets for the sugar refineries, and in most cases have found it quite profitable. A number are going into the business on a large scale. One gentleman has entered into a contract with Mr. Spreckels to this end, and is about to plant 4,000 acres in sugar beets on the Rancho Chino, in San Bernardino county. Mr. Spreckels has contracted with the Southern Pacific railroad people to transport the crop north to his refinery. It is calculated that the land will clear \$300 an acre in refined sugar, or \$3,200,000 on the crop. This crop on the Rancho Chino, it is believed, will be a profitable one to three parties, the producer, the railroad company and the refiner.

## A Low Cost Laundry.

Nothing is more troublesome in connection with housekeeping than the laundry problem. In a large house where plenty of money is provided an immunity from its cares may be purchased, but in the low cost houses in which the large number of people live, its cares and annoyances are always present. The complication of doing the washing in a kitchen where other work is being done is disagreeable beyond description. Hence the graphic expression "blue Monday." A laundry may very readily be arranged in the basement at a very low cost. All that is needed is a slop sink connected with an outside vault, a flue for a cheap laundry stove and light from the outside. This is not as satisfactory as set tubs, but where a pump is provided next to a cast iron sink there is water at hand which may be heated on the stove and a place to pour water from the tubs when it has been used. It runs through a trapped drain to a vault or sewer as the case may be. If the cellar is large enough, most of the drying of the clothes may be done therein. For the most part a cellar is a cool place in summer and a warm one in winter. Where the foundation work does not extend a sufficient distance above ground to give good light, small areas may be provided.

Col. John C. New, the consul general, has recently secured a genuine treasure in a medallion portrait of George Washington painted in 1785 by a Frenchman temporarily living in America. The portrait was for many years in the possession of a creole family in New Orleans. It was brought to London during the civil war.

Ropps' Calculator—Grain Tables, Lumber Tables, and all kinds of calculations. A book you need. 50 cents.

## Pleuro-Pneumonia

AND

## Hog Cholera.

**Dr. LEMAY, V. S. Late Inspector of Stock for the State of Maryland, says:**

From a chemical analysis I find PROF JOHN'S STOCK POWDER to be the best remedy known for the prevention and cure of Pleuro-Pneumonia and Hog Cholera and confidently recommend it as a safe and beneficial tonic.

Sold by all Druggists, Merchants and Dealers throughout The United States and Canadas.

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When I say cure I do not mean merely to stop them for a time and then have them return again. I mean a radical cure. I have made the disease of FITS, EPILEPSY, or FALLING SICKNESS a life-long study. I warrant my remedy to cure the worst cases. Because others have failed is no reason for not now receiving a cure. Send at once for a treatise and a Free Bottle of my Infal-  
tible remedy. Give Express and Post Office.

**H. G. ROOT, D.C., 183 Pearl St., N.Y.**

**ROOT'S PURGATIVE PILLS** cure  
all Blood Diseases, Constipation and Biliousness.

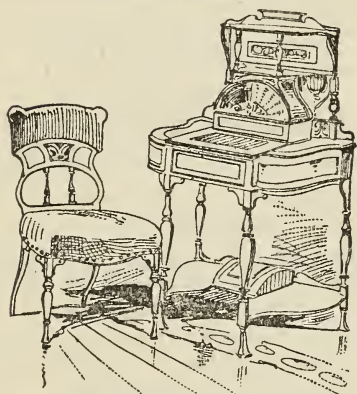
## FAT FOLKS

using "Anti-Corpulence Pills" lose 15 lbs. a month. They cause no sickness, contain no poison and never fail. Sold by Druggists everywhere or sent by mail. Particulars (sealed) 4c. **WILCOX SPECIFIC CO., Phila., Pa.**

**1** Dozen Fine Lead Pencils with Gum in the  
**2** end, and The Amateur world 6 months, all  
for 15 cents. Amateur World, Balto. Md.

**Salting Stock.**

But few farmers salt their stock with any regularity. Instead of putting salt where their animals can get it at will, they salt them whenever they think of it, or whenever it chances to be quite convenient, one time giving them "a good salt salting" and another "throwing them a little," which is principally licked up by the stronger animals. Stock will do much better when salt is given them freely and in a way that gives the weaker ones an equal chance with the stronger. The better way is to keep it where all can get at it when they desire.

**A Graceful Writing Table.****WRITING TABLE.**

Here is a suggestion of a lady's writing table pure and simple. The principal feature of the thing is the inclosing, by means of a fan, of the stationary cabinet on the table top. This elegant bijou contrivance forms a refreshing alternative to the oft repeated curtain element now so commonly used as a recess dust excluder. The oblong panel, just above, might consist of a Bartolozzi tinted print, framed in by a broad band of silk or plush. This class of treatment is now "the rage," and makes a welcome change from the beveled glass plate so frequently resorted to for this purpose.

**Thought He Was Bidding.**

Clerk (in auction room)—Wake up! You can't sleep here.

Drunk—Wazzar mazzar!

Clerk—When you nod you get the auctioneer all mixed up.—Life.

**Discrepancy Somewhere.**

Mrs. Fangle—Why, John, the waiter is standing upright.

Fangle—Yes, of course.

Mrs. Fangle—But you said he had to be tipped.—Epoch.

Send us the Names and Post Office address of all your friends so we can send them sample copies.

**GARDEN AND ORCHARD.**

We call especial attention to this list of Nurserymen, Seedsmen, Florists, etc. They all issue good Catalogues and will cheerfully send you one free, if you write referring to the Maryland Farmer. We believe every one of them to be reliable.—*Editor Md. Farmer.*

**H. S. Anderson,** Importer; visits Europe annually to inspect packing &c. Union Sp'gs, N. Y.

**Wm. Parry,** Nursery Stock; Small Fruits. Grapes, etc. Parry, N. J.

**Thos. Meehan & Son,** Oaks, Rare Ornamentals, Germantown, Pa.

**Z. DeForest Ely & Co.** The Popular Seedsmen. Philadelphia, Pa.

**P. J. Berckmans,** Trees, plants, etc., adapted to the South. Augusta, Ga.

**W. M. Peters & Sons,** Peach Trees a Specialty. Wesley, Md.

**E. B. Richardson & Co.** Nurserymen. Salesmen wanted. Geneva, N. Y.

**Seed Potatoes,** Standard old, choice new varieties. A. F. Whitright, Nova, O.

**A. W. Livingston's Sons,** Specialty, New Tomatoes. Columbus, O.

**STOCK THE FARM.**

Address any of this list of Breeders and Dealers and you will find a prompt answer if you mention the Maryland Farmer. We believe every one of them to be reliable.—*Editor Md. Farmer.*

**Reid Brothers,** English Shires, Clydesdales, Shetland Ponies. Janesville, Wis.

**Geo. F. Davis & Co.** Originators Victoria Swine, Stock for sale. Dyer, Ind.

**E. H. Smith,** Standard bred Horses, Fancy Pigs and Poultry. Salem, N. J.

**J. C. & D. Pennington.** Registered Jersey Cattle. Paterson, N. J.

**W. E. Pendleton,** Choice Yorkshire Swine. Agt. New London, Conn.

Daisy Garden Plow }  
Daisy Cultivator } are now at our office.  
Daisy Seed Sower }



**Chloroform in the Poultry Yard.**

The president of the British pharmaceutical conference is credited with having adopted and recommended the following for the happy dispatch of poultry. A large, wide mouthed stoppered bottle is kept charged with an ounce of chloroform. When a chicken has received sentence of death, it is held firmly under the left arm and its head slipped into the mouth of the bottle. A few deep inspirations follow, and the bird, without a struggle, becomes unconscious. Then, holding it by the legs, its neck is dislocated by a quick stretch.

**An Item in Butter Making.**

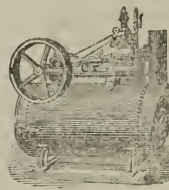
John Gould, whose opinions are worth reporting, says that it is a mistake to suppose that sour cream makes more butter from the cream than sweet. Souring adds nothing; it simply assists the churn to recover more fat from the cream. In sweet cream the emulsion is perfect. If sweet cream is diluted about three times its bulk in water at eighty degrees, and allowed to rise a second time, the difference between the amount of sweet and sour cream butter will be inconsiderable, showing that souring the cream is, after all, only another way of liberating butter fats from the combined sugar, cheese and fibrin emulsion. It was asserted by the late Professor Arnold that the adding of a small amount of pure cider vinegar to sweet cream just as the churn started would cause all the fats to come.

**Preserving Fruit for Exhibit.**

The Pacific Rural Press is authority for the following, which any reader can prove for himself:

Liverpool salt is dissolved in clear water until the brine is strong enough to float the fruit. Let this stand over night, and then strain through a cloth until the liquid is perfectly clear. Place the fruit to be preserved in thoroughly clean wide mouthed jars; fill to the brim with the brine and then close tightly. While this method for a long time perfectly preserves the bloom and color of the fruit, it, of course, unfits it for eating. Twigs with the fruit and foliage attached, when preserved in this way, are exceedingly attractive for exhibition purposes.

Practical Carp Culture, 65cts. Send to Maryland Farmer.

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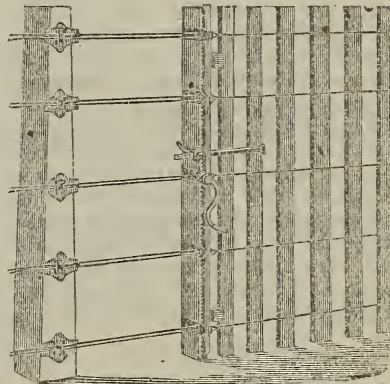
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Dez. Walworth, P. O. Box 476, Baltimore, Md.



**Orchard Care.**

You must keep an eye on your orchard. Never trust to Providence and your hired hand, for a careless hand will do more damage in an orchard than he will do good. Keep all tramps out of the orchard that are around after jobs of pruning. Let no man prune in your orchard without you know he is a skillful hand at the business. Wrap your trees early in the fall to keep the rabbits from barking the trees. The best material to use is screen wire. It will keep the borers and mice away from the trees as well as the rabbits. The wire will cost about twenty-two cents per yard, and one yard will make five guards.—Mr. Schultz before the Missouri State Horticultural Society.

**Heating Greenhouses.**

Professor Maynard, of the horticultural department of the Hatch experiment station and the Massachusetts agricultural college, has sent out a bulletin in relation to steam and hot water heating. The hot water apparatus used kept the temperature from Dec. 23 to April 24 at an average of 53.5 degs., consuming four tons and 1,155 pounds of coal. The steam boiler during the same time kept the temperature at 51.2 degs. and consumed five tons and 1,261 pounds of coal. The readers will understand that this test is conclusive only so far as it relates to the particular makes of apparatus tested. The boilers in use last year will be replaced by others this year and further tests made.—New England Farmer.

A sheep is spoken of as having a "golden hoof" because wherever the animal treads the ground is enriched with its droppings.

France claims the credit of the silo and ensilage system, the idea of which, it is said, was taken from an ant hill.

Butterine differs from oleomargarine in that it is composed of fat and butter combined, whereas oleomargarine is an imitation of butter composed of animal fat alone.

George W. Childs is credited with having given Mrs. Cleveland a Jersey cow.

Rothamstead farm is noted for the agricultural experiments that have been conducted there by its owner, Baron J. B. Lawes.

The Maryland Farmer Purchasing Agency has experts in every department of purchasing—send to them.

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**\$20.** will buy the ODELL TYPE WRITER and CHECK PERFORATOR, with 78 Characters, and \$13 for the Single Case Odell, warranted to do better work than any machine made.

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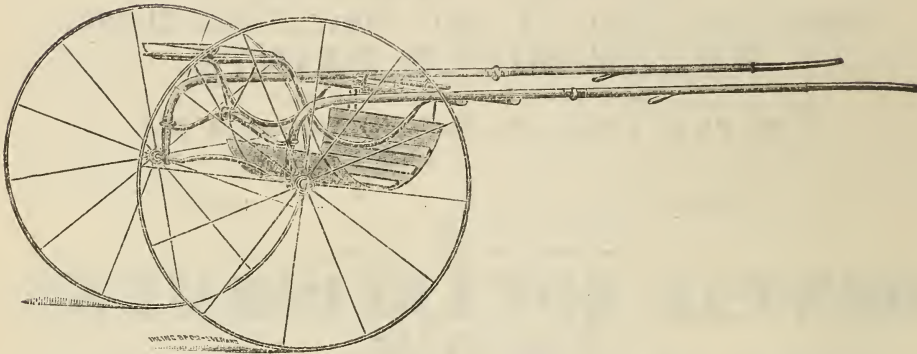
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**THE MODERN COOK-BOOK AND MEDICAL GUIDE.**

This is practically two books in one—a perfect cook-book and a perfect medical book—and there is so much in it, and so much care and pains have been taken in its compilation, that we feel perfectly safe in asserting that the Cooking department is fully the equal, in quantity and quality of contents, of any low-priced cook-book published, and the same as to the medical department herein as compared with any low-priced medical work on the market. It is a complete encyclopedia of domestic information, and we fully believe that no lady, after having it in the house a short time, would willingly do without it for ten times its cost. The cooking recipes number 627, and include Breakfast Dishes, Soups, Meats and Poultry, Fish, Vegetables, Salads and Relishes, Bread and Bolls, Jellies and Preserves, Puddings and Pies, Fancy Dishes, Cakes, Confectionery, Ice Cream and Summer Drinks. The compilation of this department was superintended by a practical housekeeper, every recipe will be found reliable, and it has been pronounced one of the best, most complete, and practical cook-books published. The Medical Department will be found fully the equal of any doctor book published at one dollar or less. It tells you how to cure, by simple means, available in every home, Malaria, Pneumonia, Poisons (antidotes for), Nervousness, Measles, Rheumatism, Toothache, Wounds, Sprains and Bruises, Weak and Inflamed Eyes, Dust in the Eye, Sore Throat, Scalet Head, Whooping Cough, Neuralgia, Earache, Worms, Warts, Burns and Scalds, Headache, Offensive Breath, Bleeding (to stop), Cancer, Consumption, Felons, Dyspepsia, Dysentery, Diphtheria, Diarrhea, Croup, Corns, Liqueur Appetite, Coughs and Colds, Cold in the Head, Catarrh, Scarlet Fever, Nose Bleed, Baldness, Smallpox, Sleeplessness, Ringworm, Chilblains, Costiveness, Cholera Morbus, Bright's Disease, Convulsions, Mumps, Superfluous Hair (to remove), Hysterics, Colic, Sciatica, Biliousness, Nettle Rash, Typhoid Fever, Ingrowing Toe Nails, Abscess, Stomach-ache, Hemorrhage, Asthma, Hydrophobia, Scrofula, Bronchitis, Lockjaw, Erysipelas, Hoarseness, Chills and Fever, Dropsy, Bunions, Fits, Dandruff, Scurf, Quinsey, Heartburn, Styes, Liver Complaint, Cramps, Corpulence, Sunstroke, Knock-knees, Indigestion, Jaundice, Gout, Prickly Heat, Ulcers, Salt Rheum, Fainting, Boils, Tobacco Habit, Gray Hair (to prevent), Cholera Infantum, Deafness, Stiff Neck, Piles, Choking, Freckles, Pimples, Sunburn, Chapped Hands, and many other ailments. It will save you many dollars annually in doctors' bills and patent medicines. Who can doubt that twenty-five cents invested in such a useful and valuable book as this would be the best and most profitable investment that could possibly be made of so small a sum? THE MODERN COOK BOOK AND MEDICAL GUIDE is a large book of 128 pages, neatly bound in colored covers. It will be sent by mail post-paid to any address upon receipt of only Twenty-five Cents.

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For 1890 we have contracted with one of the largest Manufacturers in this Country to make a Cart specially for us which we now present to the trade for the first time, having christened it

## WHITMAN'S AMERICAN ROAD CART.

It is a Cart made to meet the popular demand : that is, a well made Cart at a very low price, and we say without any fear of being contradicted that it is THE BEST CART FOR THE PRICE EVER OFFERED IN THIS MARKET.

It is not only durable and well made, but also a very easy riding and neatly finished cart.

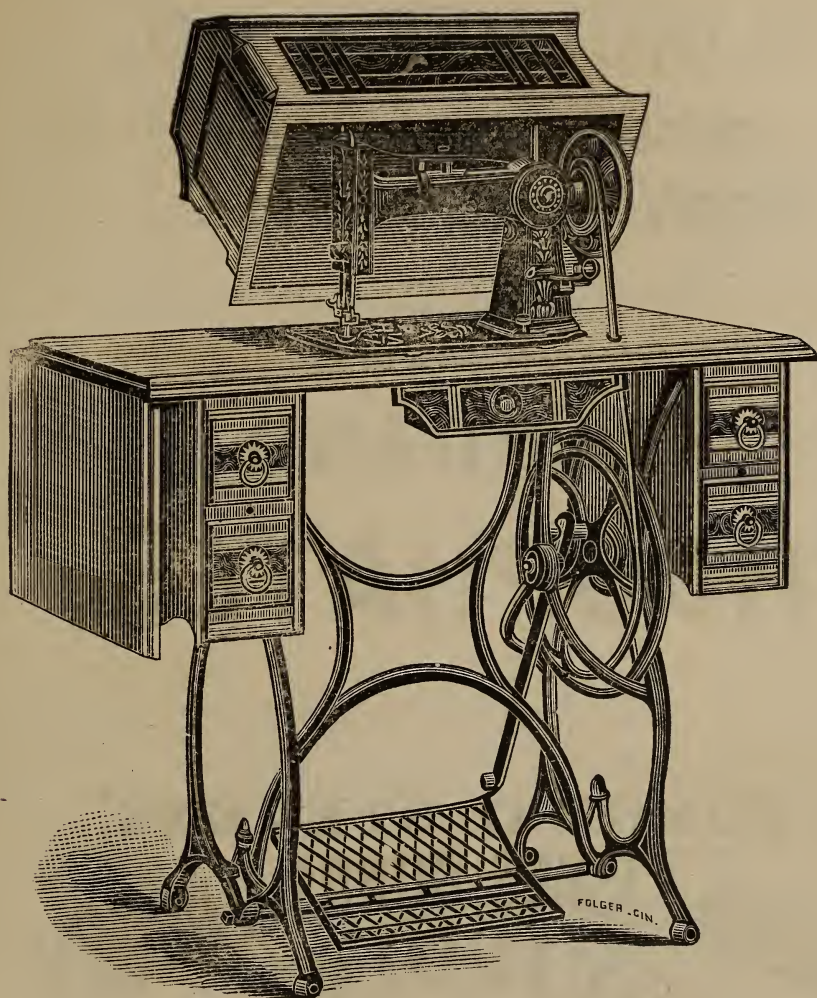
We use in their construction extra strong wheels, steel axle and tire, thoroughly seasoned selected hickory shafts, *leather trimmed*, and half-Elliptic spring hung directly under seat, and suspended at ends on swinging shackles, making the action of the spring soft and very pleasant.

The seat is suspended on "T" steel seat bars so bent that any one can enter the cart with perfect ease, and is also supported by an iron brace which is clipped to center of spring and runs diagonally to the steel bars, making a very strong support to seat, and the foot rest which is a protection for the feet, is hung a little below the "T" steel seat bars.

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